

Disinfectants		Practical Requirements			Inactivation Efficacy					Potential Application				Characteristics		
		Effective Dilution	Shelf Life ^C (dilute/open)	Sink Disposal	bactericidal	virucidal	fungicidal	sporicidal	tuberculocidal	Skin disinfectant	hard surfaces	stainless steel	liquid for disposal	Leaves Residue	Inactivated by organic matter	Other
Category	Brand															
Quat. Ammon. Cpds		0.1- 5.0% (1,000-50,000 ppm)														
	Quatricide TB	N/A (2100 ppm)		+	+	+	+		+	+	+				+	Parvoviricidal
	Quatricide PV	1:64 (750 ppm)		+	+	+	+			+	+	+			+	Parvoviricidal
	Quatricide	1:64 (780 ppm)		+	+	+	+			+	+	+			+	
	Cetylcide II	1:64 (740 ppm)		+	+	+	+	+			+	+			+	
	Lysol I.C. spray	N/A (1000 ppm)	2 years	+	+	+	+	+	+		+	+			+	
	Lysol I.C. Quat	1:256 (660 ppm)	2 years	+	+	+	+				+	+			+	
	Madacide-FD	N/A (3080 ppm)			+	+	+	+	+		+	+			+	
	Roccal	1:256 (920 ppm)		+	+	+	+	+			+	+		+		
Chlorine Cpds		50,000 ppm ^A													+	
	A-1 bleach	1:10 (5,000 ppm)	1 mo	+	+	+	+	+			+		+		+	corrodes metal
	A-1 bleach	1:5 (10,000 ppm)	1 mo	+	+	+	+	+	+		+		+		+	corrodes metal
Iodophor		25 –1600 ppm ^A													+	
	Wescodyne	1:100 (125 ppm)	years	+	+	+	+	+	+	+	+		+		+	poor residual activity
	Betadine		years	+	+	+	+	+		+	+				+	poor residual activity
	Iodine		years	+	+	+	+	+		+					+	poor residual activity
Phenolic Cpds		1.0 - 5.0% (10,000-50,000ppm)														
	Sporicidin	N/A (15,600 ppm)	6 mos		+	+	+	+	+		+	+		+		
Alcohols		70 – 85% (700,000-850,000 ppm)														flammable
	Ethyl & Isopropyl				+		+		+	+					+	
	Envirocide	N/A (202,000 ppm)	2 years		+	+	+		+		+	+				Biodegradable
	Opticide ³	N/A (210,000 ppm)	years		+	+	+		+		+	+				
	lysol brand spray -houseold	N/A (790,000 ppm)	2 years		+	+	+				+	+				
Aldehydes		0.2 – 8.0% (2,000-80,000 ppm)														
	Cetylcide G	1:16 (34,000 ppm)			+	+	+	+(10h)	+		+	+		+		
	Metricide Plus 30	N/A (34,000 ppm)			+	+	+	+(10h)	+		+	+		+		
	Cidex OPA	N/A (5,500 ppm)	2yr (14d)	+	+	+	+	+(32h)	+		+	+		+		
	Cidex Plus 28	N/A (< 50,000 ppm)	(28d)		+	+	+	+(32h)	+					+		
Peroxide Cpds																
Chlorhexidine	Hydrogen peroxide (L)	3-6% (30,000-60,000 ppm)			+	+	+	+(18h)		+					+	
	Novalsan	1:50 (400 ppm)	1 yr	+	+	+	+	+		+	+	+				non-toxic
Gas	Ethylene Oxide	8 – 23 g/ft ³		30	+	+	+							NA		
	Paraformaldehyde	0.3 g/ft ³		>60	+	+	+					+	+	NA		
Vapor-plasma	Hydrogen Peroxide				+	+	+				+	+				
	Sierrad Nx (90% H2O2)	58.0% to 59.5%			+	+	+				+	+				

C = closed and stored away from heat & light